BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE, BANGALORE92

Name of Work :-Detailed Estimate for The work of Construction of CC Drain at kodigwhalli village in ward no 8, Kodigehalli sub division

Estimated Cost :- 10.00 Lakhs

Sl no.	Description of item	Unit	No.	L	B/W	D/T/H	Qty.	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (Page no 150, Item no. 19.2 of BCSR 2012-13)	Cum							
			1	201.00	0.90	0.40	72.36		
	Culvert		2	5.00	1.35	1.25	16.88		
							89.24	**81.00**	**7228.04**
	Basic Rate	75.00							
	Area Weightage @ 8%	6.00							
	Total	**81.00**							
2	Removing B.S. slab of Drain and stacking. (Page no 28, Item no. 5.32 of BCSR 2012-13)	Sqm							
			1	201.00		1.35	271.35		
	Basic Rate	41.18					**271.35**	**44.47**	**12068.13**
	Area Weightage @ 8%	3.29							
	Total	**44.47**							
3	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180kgs, with 40mm and down sze graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation and plinth including cost of all materials labour HOM of machinery curing complete as per specifications . (Page no 12, Item no. 5.32 of BCSR 2012-13)	Cum							
	For Culvert		2	5.00	1.35	0.20	2.70		
	CC Drain		1	201.00	0.90	0.15	27.14		
	Basic Rate	3597.00					**29.84**	**3884.76**	**115901.81**
	Area Weightage @ 8%	287.76							
	Total	**3884.76**							
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878cum and fine aggregtes @ 0.459cum with superplastisiser @ 3 lts confirming to IS 9103-1999 Reaffirmed-2008 machine mixed concrete laid in layers not exceeding 15cms thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.. (Page no 13, Item no. 4.11 of BCSR 2012-13)								
	For Culvert		2x2	5.00	0.75	0.30	4.50		
			2	5.00	1.35	0.23	3.11		
			2	5.00	1.20	0.30	3.60		
	Drain Sidewall		2	201.00	0.60	0.15	36.18		
	raft		1	201.00	0.75	0.10	15.08		
	Covering slab		1	201.00	0.75	0.10	15.08		
							77.54	**5239.08**	**406212.07**

	Basic Rate	4851.00							
	Area Weightage @ 8%	388.08							
	Total	5239.08							
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per pecificaitons.(P-17 Item No. 4.31 2012-13 SR)	Sqm							
	For Culvert		2x4	5.00	0.90		36.00		
			2	5.00	0.90		9.00		
	Drain Sidewall		4	201.00	0.60		482.40		
	Covering slab		1	201.00	0.75		150.75		
							678.15	244.08	165522.85
	Basic Rate	226.00							
	Area Weightage @ 8%	18.08							
	Total	244.08							
6	KSRB 4.9.2 : Providing T.M.T. Steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking , placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (Page No. 19& Item No. 4.46)	Qtl							
	50 kg/cum		Qty. Vide Item No.4				38.77	7323.48	283913.01
	Basic Rate	6781.00							
	Area Weightage @ 8%	542.48							
	Total	7323.48							
7	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum.KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.MORTH Chapter 1 (Page no 197. Item no. 24.41 of BCSR 2012-13)	Cum							
			Qty vide item no 1				89.24	72.30	6451.33
	Basic Rate	62.20							
	Area Weightage @ 8%	4.98							
	Lead and lift charges for 2 kms Rs2.00 x 1.28 ton/km x 2 kms	5.12							
	Total	72.30							
8	Miscellaneous & Unforeseen Charges								2702.76
	Total								1000000.00

(Rupees Ten Lakhs Only)

CERTIFICATE

1 Certified that I have personally inspected the area and prepared the estimate.
2 Certified that the work proposed in this estimate is not including in any other scheme.
3 Certified that the estimate is prepared as per 2012-13 SR of PWD.
4 This works is not split up.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

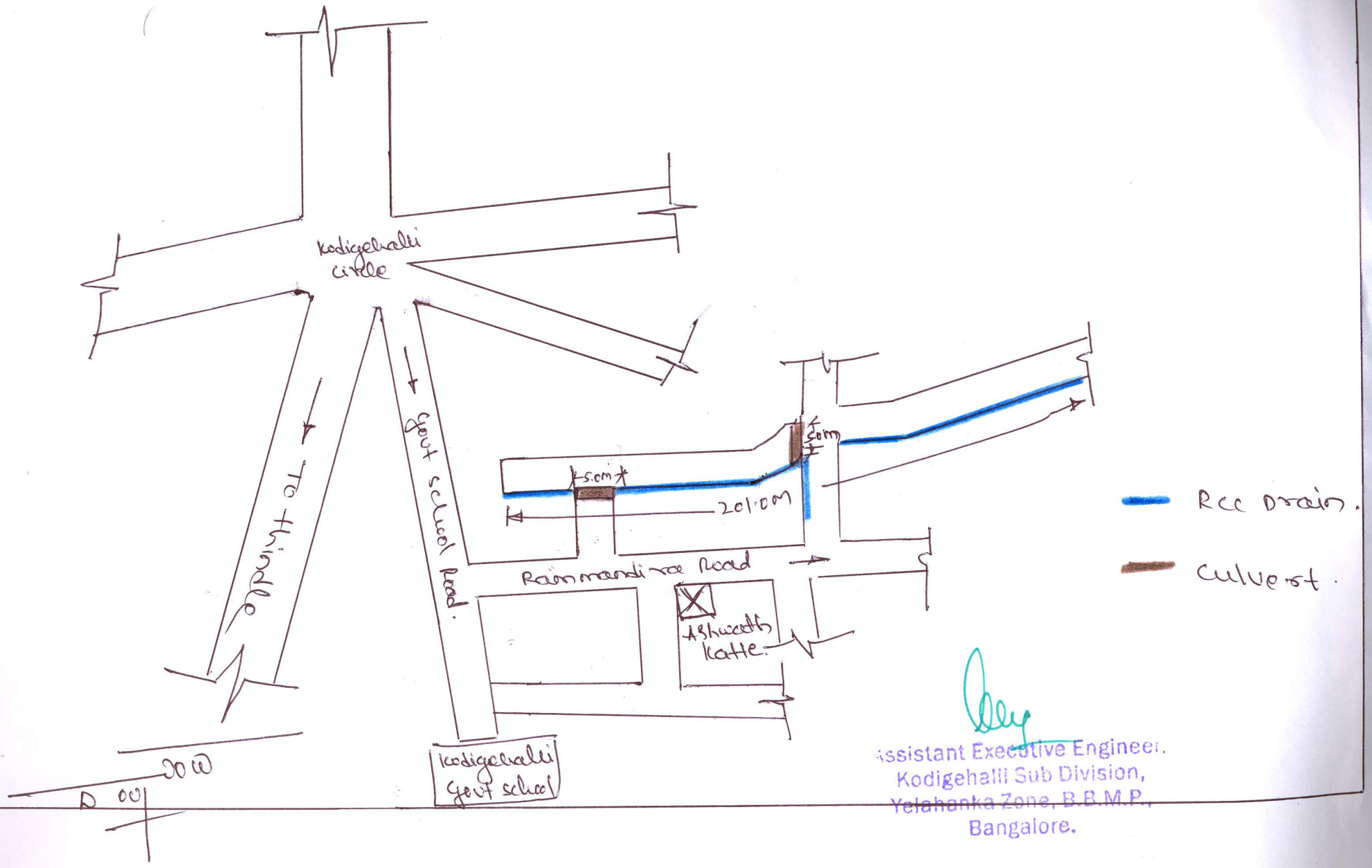
Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92.
7/1/13

Technical sanction for Rs. 10.00 lakhs
Ten lakh only
Under POR 2012-13
P 1271
registered as EE No: 326 /10-1-13 Subject to conditions contained enclosed memo.
No: 326 /12-13 Dt. 10-1-13
AE/JE
EE (BTP. Div.)

ADMINISTRATIVELY SANCTIONED FOR Rs.
Rupees Ten lakhs only
Under POR-2012-13
P 1271
Registered as EE ( ) No. 3 /9
Subject to conditions contained enclosed memo EE ( ) No. 683 /9/
Dt. 7-1-13
JC A/P
dated 7-1-13
Administratively Sanctioned
No. 683/12-13
Rs. 10.00 lakhs

Construction of cc drain at Kodigehalli village in ward No. 09.



Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.